



US01 corrected sequence listing 02_08_07.txt
SEQUENCE LISTING

<110> Wang, Chun
Xy Li, Benjamin
Cheng, Xin
Liu, Jing
Niu, Li-Wen
Huang, Wan-Zhi
Xu, Zhen-Yu
Luo, Dan
Kang, Lian-Di
Ding, Jin-Guo
Rong, Fang
Liu, Yan
Chen, Hui-Ran

<120> Antithrombosis enzyme from the snake venom of Agkistrodon acutus

<130> 54567.8001.US01

<140> 09/938,114

<141> 2001-08-23

<150> US 60/043,886

<151> 1997-04-10

<150> US 09/058,740

<151> 1998-04-10

<160> 13

<170> PatentIn version 3.3

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<211> 544

<212> DNA

<213> Agkistrodon acutus

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Gln Val Asn Gly Gly His Leu Val Ser Ile Glu Ser Ser Gly Glu Ala
35 40 45

Asp Phe Val Gly Gln Leu Ile Ala Gln Lys Ile Lys Ser Ala Lys Ile
50 55 60

His Val Trp Ile Gly Leu Arg Ala Gln Asn Lys Glu Lys Gln Cys Ser
65 70 75 80

Ile Glu Trp Ser Asp Gly Ser Ser Ile Ser Lys Glu Asn Trp Ile Glu
85 90 95

Glu Glu Ser Lys Lys Cys Leu Gly Val His Ile Glu Thr Gly Phe His
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Phe

<210> 5
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 <213> Agkistrodon acutus

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Ser Leu Ser Gly Thr Ala Ala
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 ccatggggcg attcatcttc 20

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47

ctc tcc ctg agt gga act gca gct gat tgt ccc tct gag tgg tcc tcc
Leu Ser Leu Ser Gly Thr Ala Ala Asp Cys Pro Ser Glu Trp Ser Ser
20 25 30

95

tat gaa ggg cat tgc tac aag ccc ttc gat gaa cct aag acc tgg gca
Tyr Glu Gly His Cys Tyr Lys Pro Phe Asp Glu Pro Lys Thr Trp Ala
35 40 45

143

gat gca gag aaa ttc tgc aca caa caa cac aaa ggc agc cat ctg cct
Asp Ala Gly Lys Phe Cys Thr Gln Gln His Lys Gly Ser His Leu Pro
50 55 60

191

ctc aca gca gtg aga gcg att gtg tnn nnn nnn nnt ggt cac gtt gac
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Asn	Gly	Cys	Tyr	Trp	Lys	Trp	Ser	Asp	Gly	Thr	Lys	Leu	Asp	Tyr	Lys		
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Phe	Gln	Ala															
145																	